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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/206,786

DATE: 05/09/2000  
TIME: 16:01:37

Input Set : A:\8666007  
Output Set: N:\CRF3\05092000\I206786.raw

3 (1) GENERAL INFORMATION:  
5 (i) APPLICANT: Korngold, Robert  
6 Huang, Ziwei  
8 (ii) TITLE OF INVENTION: CD4-DERIVED PEPTIDES THAT INHIBIT IMMUNE  
9 RESPONSES  
11 (iii) NUMBER OF SEQUENCES: 63  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: PENNIE & EDMONDS LLP  
15 (B) STREET: 1155 Avenue of the Americas  
16 (C) CITY: New York  
17 (D) STATE: New York  
18 (E) COUNTRY: United States  
19 (F) ZIP: 10036-2711  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
C--> 27 (vi) CURRENT APPLICATION DATA:  
C--> 28 (A) APPLICATION NUMBER: US/09/206,786  
C--> 29 (B) FILING DATE: 07-Dec-1998  
30 (C) CLASSIFICATION:  
32 (viii) ATTORNEY/AGENT INFORMATION:  
33 (A) NAME: Friebel, Thomas E.  
34 (B) REGISTRATION NUMBER: 29,258  
35 (C) REFERENCE/DOCKET NUMBER: 8666-007  
37 (ix) TELECOMMUNICATION INFORMATION:  
38 (A) TELEPHONE: (212) 790-9090  
39 (B) TELEFAX: (212) 869-8864/9741  
40 (C) TELEX: 66141 PENNIE  
43 (2) INFORMATION FOR SEQ ID NO: 1:  
45 (i) SEQUENCE CHARACTERISTICS:  
46 (A) LENGTH: 5 amino acids  
47 (B) TYPE: amino acid  
48 (C) STRANDEDNESS:  
49 (D) TOPOLOGY: unknown  
51 (i) MOLECULE TYPE: peptide  
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
58 Asn Ser Asn Gln Ile  
59 1 5  
61 (2) INFORMATION FOR SEQ ID NO: 2:  
63 (i) SEQUENCE CHARACTERISTICS:  
64 (A) LENGTH: 6 amino acids  
65 (B) TYPE: amino acid  
66 (C) STRANDEDNESS:  
67 (D) TOPOLOGY: unknown  
69 (ii) MOLECULE TYPE: peptide

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74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
76 Lys Asn Ser Asn Gln Ile  
77 1 5  
79 (2) INFORMATION FOR SEQ ID NO: 3:  
81 (i) SEQUENCE CHARACTERISTICS:  
82 (A) LENGTH: 8 amino acids  
83 (B) TYPE: amino acid  
84 (C) STRANDEDNESS:  
85 (D) TOPOLOGY: unknown  
87 (ii) MOLECULE TYPE: peptide  
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
93 Lys Asn Ser Asn Gln Leu Ile Lys  
94 1 5  
96 (2) INFORMATION FOR SEQ ID NO: 4:  
98 (i) SEQUENCE CHARACTERISTICS:  
99 (A) LENGTH: 7 amino acids  
100 (B) TYPE: amino acid  
101 (C) STRANDEDNESS:  
102 (D) TOPOLOGY: unknown  
104 (iii) MOLECULE TYPE: peptide  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
111 Lys Asn Ser Asn Gln Ile Lys  
112 1 5  
114 (2) INFORMATION FOR SEQ ID NO: 5:  
116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 7 amino acids  
118 (B) TYPE: amino acid  
119 (C) STRANDEDNESS:  
120 (D) TOPOLOGY: unknown  
122 (iii) MOLECULE TYPE: peptide  
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
129 Lys Leu Glu Asn Lys Glu Ala  
130 1 5  
132 (2) INFORMATION FOR SEQ ID NO: 6:  
134 (i) SEQUENCE CHARACTERISTICS:  
135 (A) LENGTH: 8 amino acids  
136 (B) TYPE: amino acid  
137 (C) STRANDEDNESS:  
138 (D) TOPOLOGY: unknown  
140 (iii) MOLECULE TYPE: peptide  
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
147 Leu Ser Asp Ser Gly Gln Val Leu  
148 1 5  
150 (2) INFORMATION FOR SEQ ID NO: 7:  
152 (i) SEQUENCE CHARACTERISTICS:  
153 (A) LENGTH: 4 amino acids  
154 (B) TYPE: amino acid  
155 (C) STRANDEDNESS:  
156 (D) TOPOLOGY: unknown

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158 (ii) MOLECULE TYPE: peptide  
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
165 Asn Gln Leu Ile  
166 1  
168 (2) INFORMATION FOR SEQ ID NO: 8:  
170 (i) SEQUENCE CHARACTERISTICS:  
171 (A) LENGTH: 5 amino acids  
172 (B) TYPE: amino acid  
173 (C) STRANDEDNESS:  
174 (D) TOPOLOGY: unknown  
176 (ii) MOLECULE TYPE: peptide  
181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
183 --Asn-Gln-Leu-Ile-Lys--  
184 1 5  
186 (2) INFORMATION FOR SEQ ID NO: 9:  
188 (i) SEQUENCE CHARACTERISTICS:  
189 (A) LENGTH: 4 amino acids  
190 (B) TYPE: amino acid  
191 (C) STRANDEDNESS:  
192 (D) TOPOLOGY: unknown  
194 (ii) MOLECULE TYPE: peptide  
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
201 Asn Gln Ile Lys  
202 1  
204 (2) INFORMATION FOR SEQ ID NO: 10:  
206 (i) SEQUENCE CHARACTERISTICS:  
207 (A) LENGTH: 4 amino acids  
208 (B) TYPE: amino acid  
209 (C) STRANDEDNESS:  
210 (D) TOPOLOGY: unknown  
212 (ii) MOLECULE TYPE: peptide  
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
219 Ser Asn Gln Leu  
220 1  
222 (2) INFORMATION FOR SEQ ID NO: 11:  
224 (i) SEQUENCE CHARACTERISTICS:  
225 (A) LENGTH: 5 amino acids  
226 (B) TYPE: amino acid  
227 (C) STRANDEDNESS:  
228 (D) TOPOLOGY: unknown  
230 (ii) MOLECULE TYPE: peptide  
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
237 Ser Asn Gln Leu Ile  
238 1 5  
240 (2) INFORMATION FOR SEQ ID NO: 12:  
242 (i) SEQUENCE CHARACTERISTICS:  
243 (A) LENGTH: 6 amino acids  
244 (B) TYPE: amino acid  
245 (C) STRANDEDNESS: